

Amendments to the Claims:

1. (Currently Amended) A method for producing an electron source comprised of plural electron emission devices, each of which has a gap and is provided with a deposit containing carbon at the gap, said plural electron emission devices connected in a matrix by plural row wirings and plural column wirings, the method comprising:

a connecting step of connecting plural pre-elements that are precursors to the plural electron emission devices, to said plural row wirings, respectively; and

a voltage applying ~~and working~~ step comprising ~~a sub-step of plural sub-~~
steps, each of which includes selecting simultaneously certain plural row wirings that are not adjacent to each other and ~~of~~ applying a voltage to the certain plural row wirings selected simultaneously, within an atmosphere containing an organic gas, wherein the sub-
~~step being~~ sub-steps are conducted ~~repeatedly and successively for plural groups of the~~
~~certain row wirings~~ so that, in each sub-step, the row wirings to which the voltage is
applied simultaneously are not adjacent to row wirings to which the voltage was applied in
an immediately prior one of the sub-steps, thereby depositing the wherein at least one
deposit is deposited as a result of the voltage applying step.[:,]) and

~~a succeeding step of conducting a same process step as said voltage~~
~~applying and working step for non-selected ones of said plural row wirings.~~

2-12. (Cancelled)

13. (Currently Amended) A method for producing an image forming apparatus which comprises producing an electron source by the method according to claim 1 and combining thereto an image forming member for forming an image by irradiation with ~~the~~ an electron beam from said electron source.

14. (New) A method for producing an electron source comprised of plural electron emission devices, each of which is provided with a deposit, said plural electron emission devices connected in a matrix by plural row wirings and plural column wirings, the method comprising:

a providing step of providing plural pre-elements that are precursors to the plural electron emission devices, wherein each of the plural pre-elements is connected to each of said plural row wirings; and

a depositing step of depositing the deposit, the depositing step comprising plural sub-steps, each including applying a voltage to at least one respective row wiring to deposit the deposit to at least one pre-element connected to the at least one respective row wiring, within an atmosphere containing an ingredient for the deposit, the plural sub-steps being conducted successively so that, in each of the plural sub-steps, the at least one respective row wiring to which the voltage is applied is not adjacent to a row wiring to which the voltage was applied in an immediately prior one of the sub-steps.

15. (New) The method according to claim 14, wherein the voltage is applied to plural row wirings in each of the plural sub-steps.

16. (New) The method according to claim 15, wherein the plural row wirings to which the voltage is applied in each of the plural sub-steps are not adjacent each other.

17. (New) The method according to claim 14, wherein the deposit contains at least carbon.

18. (New) The method according to claim 14, wherein a differential voltage between the voltage for depositing the deposit and a voltage which is applied to at least one column wiring is applied to the at least one pre-clement, whereby the deposit is deposited to the at least one pre-element by the differential voltage.